Form #0941 08/95

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE STANDARD GENERAL PERMIT NO. 48-00714-S DATE ISSUED: January 19, 2007

PERMITTEE: WALT DISNEY WORLD HOSPITALITY &

RECREATION CORP. POST OFFICE BOX 10170 LAKE BUENA VISTA, FL 32830

PROJECT DESCRIPTION: Modification for construction and operation of a surface water management system

to serve a 91.62 acre commercial project known as Disney Vacation Club at Animal

Kingdom Lodge.

PROJECT LOCATION:

ORANGE COUNTY,

SEC 33,34 TWP 24S RGE 27E

PERMIT DURATION:

See Special Condition No:1. See attached Rule 40E-4.321, Florida Administrative

Code.

This is to notify you of the District's agency action concerning Notice of Intent; for Permit Application No. 061214-5, dated December 14, 2006. This action is taken pursuant to Rule 40E-1.603 and Chapter 40E-40, Florida Administrative Code (F.A.C.).

Based on the information provided, District rules have been adhered to and an Environmental Resource General Permit is in effect for this project subject to:

1. Not receiving a filed request for a Chapter 120, Florida Statutes, administrative hearing.

2. the attached 19 General Conditions (See Pages: 2-4 of 6),

3. the attached 13 Special Conditions (See Pages: 5 - 6 of 6) and

4. the attached 36 Exhibit(s)

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights," we will assume that you concur with the District's action.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the Permittee (and the persons listed in the attached distribution list) no later than 5:00 p.m. on this 19th day of January, 2007, in accordance with Section 120.60(3); Florida Statutes

BY:

∕îThomas P. Genovese

Service Center Director

Orlando Service Center

Certified mail number

7005 3110 0002 8460 3103

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40E-4.321 Duration of Permits

- (1) Unless revoked or otherwise modified the duration of an environmental resource permit issued under this chapter or Chapter 40E-40, F.A.C. is as follows:
- (a) For a conceptual approval, two years from the date of issuance or the date specified as a condition of the permit, unless within that period an application for an individual or standard general permit is filed for any portion of the project. If an application for an environmental resource permit is filed, then the conceptual approval remains valid until final action is taken on the environmental resource permit application. If the application is granted, then the conceptual approval is valid for an additional two years from the date of issuance of the permit. Conceptual approvals which have no individual or standard general environmental resource permit applications filed for a period of two years shall expire automatically at the end of the two year period.
- (b) For a conceptual approval filed concurrently with a development of regional impact (DRI) application for development approval (ADA) and a local government comprehensive plan amendment, the duration of the conceptual approval shall be two years from whichever one of the following occurs at the latest date:
 - 1. the effective date of the local government's comprehensive plan amendment.
 - 2. the effective date of the local government development order.
 - 3. the date on which the District issues the conceptual approval, or
- 4. the latest date of the resolution of any Chapter 120.57, F.A.C., administrative proceeding or other legal appeals.
- (c) For an individual or standard general environmental resource permit, five years from the date of issuance or such amount of time as made a condition of the permit.
- (d) For a noticed general permit issued pursuant to chapter 40-E-400, F.A.C., five years from the date the notice of intent to use the permit is provided to the District.
- (2)(a) Unless prescribed by special permit condition, permits expire automatically according to the timeframes indicated in this rule. If application for extension is made in writing pursuant to subsection (3), the permit shall remain in full force and effect until:
- 1. the Governing Board takes action on an application for extension of an individual permit, or
 - 2. staff takes action on an application for extension of a standard general permit.
 - (b) Installation of the project outfall structure shall not constitute a vesting of the permit.
- (3) The permit extension shall be issued provided that a permittee files a written request with the District showing good cause prior to the expiration of the permit. For the purpose of this rule, good cause shall mean a set of extenuating circumstances outside of the control of the permittee. Requests for extensions, which shall include documentation of the extenuating circumstances and how they have delayed this project, will not be accepted more than 180 days prior to the expiration date.
- (4) Substantial modifications to Conceptual Approvals will extend the duration of the Conceptual Approval for two years from the date of issuance of the modification. For the purposes of this section, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different water resource or environmental impacts which require a detailed review.
- (5) Substantial modifications to individual or standard general environmental resource permits issued pursuant to a permit application extend the duration of the permit for three years from the date of issuance of the modification. Individual or standard general environmental resource permit modifications do not extend the duration of a conceptual approval.
- (6) Permit modifications issued pursuant to subsection 40E-4.331(2)(b), F.A.C. (letter modifications) do not extend the duration of a permit.
- (7) Failure to complete construction or alteration of the surface water management system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization in order to continue construction unless a permit extension is granted.

Specific authority 373.044, 373.113 F.S. Law Implemented 373.413, 373.416, 373.419, 373.426 F.S. History—New 9-3-81, Amended 1-31-82, 12-1-82, Formerly 16K-4.07(4), Amended 7-1-86, 4/20/94, Amended 7-1-86, 4/20/94, 10-3-95

Application No.: 061214-5 Page 2 of 6

GENERAL CONDITIONS

- 1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373. F.S.
- 2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
- 3. Activities approved by this permit shall be conducted in a manner which does not cause violations of State water quality standards. The permittee shall implement best management practices for erosion and pollution control to prevent violation of State water quality standards. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter 6 of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), incorporated by reference in Rule 40E-4.091, F.A.C. unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
- 4. The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District an Environmental Resource Permit Construction Commencement Notice Form Number 0960 indicating the actual start date and the expected construction completion date.
- 5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an annual status report form. Status report forms shall be submitted the following June of each year.
- 6. Within 30 days after completion of construction of the permitted activity, the permitee shall submit a written statement of completion and certification by a professional engineer of other individual authorized by law, utilizing the supplied Environmental Resource/Surface Water Management Permit Construction Completion/Certification Form Number 0881A, or Environmental Resource/Surface Water Management Permit Construction Completion Certification For Projects Permitted prior to October 3, 1995 Form No. 0881B, incorporated by reference in Rule 40E-1.659, F.A.C. The statement of completion and certification shall be based on onsite observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the District that the system is ready for inspection. Additionally, if deviation from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. All surveyed dimensions and elevations shall be certified by a registered surveyor.
- 7. The operation phase of this permit shall not become effective: until the permittee has complied with the requirements of condition (6) above, and submitted a request for conversion of Environmental Resource Permit from Construction Phase to Operation Phase, Form No. 0920; the District determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the District in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit

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GENERAL CONDITIONS

Applications within the South Florida Water Management District, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 40E-1.6107, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

- 8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.
- 9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the District along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit applications within the South Florida Water Management District, prior to lot or units sales or prior to the completion of the system, whichever comes first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State, county or municipal entities. Final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.
- Should any other regulatory agency require changes to the permitted system, the permittee shall notify the District in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
- 11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C..
- 12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the State, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.
- 13. The permittee must obtain a Water Use permit prior to construction dewatering, unless the work qualifies for a general permit pursuant to Subsection 40E-20.302(3), F.A.C., also known as the "No Notice" Rule.
- 14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.
- 15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit

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GENERAL CONDITIONS

application, including plans or other supporting documentation, shall not be considered binding, unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.

- 16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 40E-1.6105 and 40E-1.6107, F.A.C.. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.
- 17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
- 18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate District service center.
- 19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

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SPECIAL CONDITIONS

- 1. The conceptual phase of this permit shall expire on January 19, 2009. The construction phase of this permit shall expire on January 19, 2012.
- Operation of the on-site surface water management system shall be the responsibility of WALT DISNEY WORLD HOSPITALITY & RECREATION CORP. and operation and maintenance of the master system shall be the responsibility of Reedy Creek Improvement District.
- 3. Discharge Facilities:

Basin: Basin 302 Mod., Structure: 1

1-20' WIDE BROAD CRESTED weir with crest at elev. 101.23' NGVD.

Receiving body: Existing wetland Control elev: 100.5 feet NGVD.

Basin: Basin 302 Mod., Structure: D-300

1-18" W X 8.76" H RECTANGULAR NOTCH with invert at elev. 100.5' NGVD. 636 LF of 18" dia. REINFORCED CONCRETE PIPE culvert. 1-24" W X 37" L drop inlet with crest at elev. 101.23' NGVD.

Receiving body: Existing wetland Control elev: 100.5 feet NGVD.

Basin: Basin 303 New, Structure: 1

1-20' WIDE BROAD CRESTED weir with crest at elev. 101.3' NGVD.

Receiving body: Existing wetland Control elev: 100.5 feet NGVD.

Basin: Basin 303 New, Structure: D-304

1-18" W X 9.6" H RECTANGULAR NOTCH with invert at elev. 100.5' NGVD. 81 LF of 18" dia. REINFORCED CONCRETE PIPE culvert. 1-24" W X 37" L drop inlet with crest at elev. 101.3' NGVD.

Receiving body: Existing wetland Control elev: 100.5 feet NGVD.

Basin: Wetland 18-4

1-24" W X 5.4" H RECTANGULAR NOTCH weir with crest at elev. 100.45' NGVD. 460 LF of 36" dia. REINFORCED CONCRETE PIPE culvert. 1-24" W X 37" L drop inlet with crest at elev. 100.9' NGVD.

Receiving body: Wetland 18.13 Control elev: 100.45 feet NGVD.

4. Lake side slopes shall be no steeper than 5:1 (horizontal:vertical) to a depth of two feet below the control elevation. Side slopes shall be nurtured or planted from 2 feet below to 1 foot above control elevation to insure vegetative growth, unless shown on the plans.

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SPECIAL CONDITIONS

- 5. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.
- 6. A stable, permanent and accessible elevation reference shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the certification report. The location of the elevation reference must be noted on or with the certification report.
- 7. The permittee shall provide routine maintenance of all of the components of the surface water management system in order to remove all trapped sediments/debris. All materials shall be properly disposed of as required by law. Failure to properly maintain the system may result in adverse flooding conditions.
- Minimum building floor elevation: BASIN: Basin 302 Mod. 103.50 feet NGVD. BASIN: Basin 303 New - 103.50 feet NGVD.
- Minimum road crown elevation: Basin 302 Mod. 102.50 feet NGVD.
 Basin 303 New 102.50 feet NGVD.

Basin:

Minimum parking lot elevation: Basin: Basin 302 Mod. - 102.50 feet NGVD.
 Basin 303 New - 102.50 feet NGVD.

Basin:

- 11. Silt fencing shall be installed at the limits of construction to protect all areas from silt and sediment deposition during the construction of the project. The sediment controls shall be installed prior to the commencement of any clearing or construction and shall remain in place and be maintained in good functional condition until all adjacent construction activities have been completed and all fill slopes have been stabilized.
- 12. All special conditions and exhibits previously stipulated by permit number 48-00714-S remain in effect unless otherwise revised and shall apply to this modification.
- 13. The following exhibits for the permit are incorporated by reference herein and are located in the permit file:

Exhibits No. 9-28 consisting of detailed paving, grading and drainage plans, prepared by Harris Civil Engineers, LLC, and identified as Project No. 05132.002 Sheets C-200 - 214 and C-500 - 505.

NOTICE OF RIGHTS

As required by Sections 120,569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing and/or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

Right to Request Administrative Hearing

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569, 120.57, and 120.60(3), Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision in accordance with Rule 28-106.111, Fla. Admin. Code. Any person who receives written notice of a District decision and fails to file a written request for hearing within 21 days waives the right to request a hearing on that decision as provided by Subsection 28-106.111(4), Fla. Admin. Code.

The Petition must be filed at the Office of the District Clerk of the SFWMD, 3301 Gun Club Road, P.O. Box 24680, West Palm Beach, Florida, 33416, and must comply with the requirements of Rule 28-106.104, Fla. Admin. Code. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. Filings by e-mail will not be accepted. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Pursuant to Rule 28-106.104, Fla. Admin. Code, any document received by the office of the District Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day.

- Filings made by mail must include the original and one copy and must be addressed to the Office of the District Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must also include the original and one copy of the petition.
 Delivery of a petition to the District's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the District's security officer to contact the Clerk's office. An employee of the District's Clerk's office will file the petition and return the extra copy reflecting the date and time of filing.
- Filings by facsimile must be transmitted to the District Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the District Clerk receives the complete document.

Rev. 9/12/06

The following provisions may be applicable to SFWMD actions in combination with the applicable Uniform Rules of Procedure (Subsections 40E-0.109(1)(a) and 40E-1.511(1)(a), Fla. Admin. Code):

- (1)(a) "Receipt of written notice of agency decision" as set forth in Rule 28-106.111, Fla. Admin. Code, means receipt of either written notice through mail or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action.
- (b) If notice is published pursuant to Chapter 40E-1, F.A.C., publication shall constitute constructive notice to all persons. Until notice is published, the point of entry to request a formal or informal administrative proceeding shall remain open unless actual notice is received.
- (2) If the District's Governing Board takes action which substantially differs from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law. The District Governing Board's action is considered to substantially differ from the notice of intended agency decision when the potential impact on water resources has changed.
- (3) Notwithstanding the timeline in Rule 28-106.111, Fla. Admin. Code, intended agency decisions or agency decisions regarding consolidated applications for Environmental Resource Permits and Use of Sovereign Submerged Lands pursuant to Section 373.427, Fla. Stat., shall provide a 14 day point of entry to file petitions for administrative hearing.

Hearings Involving Disputed Issues of Material Fact

The procedure for hearings involving disputed issues of material fact is set forth in Subsection 120.57(1), Fla. Stat., and Rules 28-106.201-217, Fla. Admin. Code. Petitions involving disputed issues of material fact shall be filed in accordance with Rule 28-106.104, Fla. Admin. Code, and must comply with the requirements set forth in Rule 28-106.201, Fla. Admin. Code.

Hearings Not Involving Disputed Issues of Material Fact

The procedure for hearings not involving disputed issues of material fact is set forth in Subsection 120.57(2), Fla. Stat, and Rules 28-106.301-.307, Fla. Admin. Code. Petitions not involving disputed issues of material fact shall be filed in accordance with Rule 28-106.104, Fla. Admin. Code, and must comply with the requirements set forth in Rule 28-106.301, Fla. Admin. Code.

Mediation

As an alternative remedy under Sections 120.569 and 120.57, Fla. Stat., any person whose substantial interests are or may be affected by the SFWMD's action may choose to pursue mediation. The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-.405, Fla. Admin. Code. Choosing mediation will not adversely affect the rights to a hearing if mediation does not result in a settlement.

DISTRICT COURT OF APPEAL

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Rev. 9/12/06

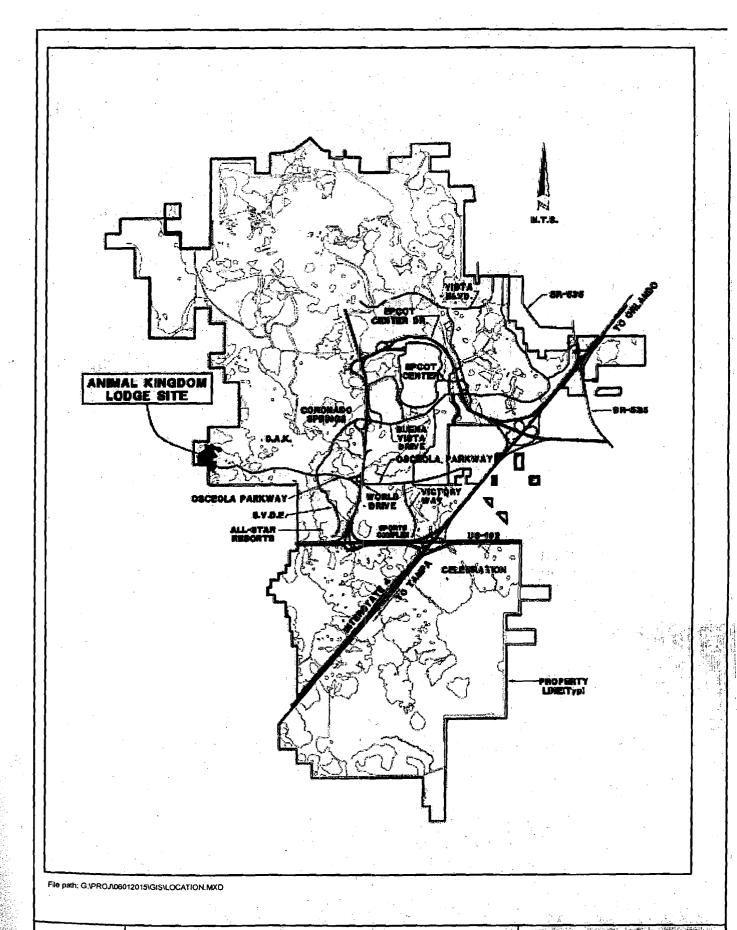


FIGURE 1 LOCATION MAP
DVC @ DAKL
ANIMAL BUILDING CONSTRUCTION ACCESS
ORANGE COUNTY, FLORIDA

HARRIS

Harris Civil Fordineers 11C

EXHIBIT

Last Date For Agency Action: 12-FEB-2007

GENERAL ENVIRONMENTAL RESOURCE PERMIT STAFF REPORT

Project Name:

Dvc @ Disneys Animal Kingdom Lodge

Permit No.:

48-00714-S

Application No.: 061214-5

Associated File:

Application Type: Environmental Resource (General Permit Modification)

Location:

Orange County, S33,34/T24S/R27E

Permittee:

Walt Disney World Hospitality & Recreation Corp.

Operating Entity: Walt Disney World Hospitality & Recreation Corp.

Project Area: 91.62 acres

Project Land Use: Commercial

Drainage Basin:

REEDY CREEK

Receiving Body: Existing master system

Class: CLASS III

Special Drainage District:

Reedy Creek Improvement District

Total Acres Wetland Onsite:

1.92

Total Acres Wetland Preserved Onsite:

.96

Total Acres Impacted Onsite:

Total Acres Presv/Mit Compensation Onsite:

.96 .96

Mitigation Previously Permitted: Yes

Conservation Easement To District:

Sovereign Submerged Lands: No

PROJECT PURPOSE:

Modification of an Environmental Resource Permit to authorize construction and operation of a surface water management system to serve a 91.62 acre commercial project known as Disney Vacation Club at Animal Kingdom Lodge. Staff recommends approval with conditions.

061214-5 App.no.:

PROJECT EVALUATION:

PROJECT SITE DESCRIPTION:

The site is located in the northwestern portion of the Walt Disney World property and is adjacent to the existing permitted Animal Kingdom Lodge complex.

There are permitted surface water management facilities serving the project area. The site contains the existing permitted development, undeveloped uplands and wetlands.

There are a total of .96 acres of impacts to wetland 18.4 (.93) and 18.13 (.03) proposed by the project. The applicant proposes to offset the impacts by preserving .96 acres of wetlands (Wetlands 5.14, 5.12, 5.10 and 5.19) previously permitted for impact. There will be an additional impact to previously designated wetland buffers that will be replaced by adding on to the buffers. Wetland 18.13 will lose 0.21 acres of buffer, but will have 0.23 added within its total acreage. Wetland 18.4 will lose 0.22 and gain 0.23. Wetland 18.2 will lose 0.07 acres of buffer, but make up the 0.07 acres of its buffer within its total acreage.

PROPOSED PROJECT:

Construction proposed consists of the surface water management system serving the Disney Vacation Club addition to the Animal Kingdom Lodge complex. The water management system consists of inlets and culverts directing runoff to two wet detention ponds and then to existing wetlands. Pond 302 is an existing pond that is being expanded and relocated; Pond 303 is a new pond.

Of the 91.62 acres of the project, the area draining to the water management system includes 70.74 acres, the total contributing drainage area contains 101.03 acres, areas that do not drain to the water management system consist of 12.8 acres of the "Temporary Lay Down" area that will remain pervious, 5.52 acres of off-site wetlands, 2.15 acres of roof area, and 9.82 acres of existing roadway and parking area that are being reconfigured slightly with this modification, but drain to Pond 100 of the original permitted water management system.

This modification has been reviewed and approved by Reedy Creek Improvement District.

LAND USE:

Construction:

Project:

	This Phase	Total Project	
Building Coverage	6.71	6.71	acres
Pavement	17.95	17.95	acres
Pervious	52.44	52.44	acres
Water Mgnt Acreage	5.35	5.35	acres
Wetland	9.17	9.17	acres
Total:	91.62	91.62	· · · · · · · · · · · · · · · · · · ·

WATER QUANTITY:

App.no.: 061214-5

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Discharge Rate:

As shown in the table below, the proposed project discharge is within the allowable limit for the area. Discharge is to the existing master system that provides additional attenuation upstream of Sturcture S-40, the final outfall structure.

Discharge Storm Frequency: 10 YEAR-3 DAY

Design	Rainfall	: 10	0.2	inches
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Basin	Allow Disch (cfs)	Method Of Determination	Peak Disch (cfs)	Peak Stage (ft, NGVD)
Basin 302 Mod.	31	Previously Permitted	31	102.1
Basin 303 New	22	Previously Permitted	22	102.1

Finished Floors:

Building Storm Frequency: 100 YEAR-3 DAY

Design Rainfall: 14.3 inches

Basin	Peak Stage (ft, NGVD)	Proposed Min. Finished Floors (ft, NGVD)	FEMA Elevation (ft, NGVD)
Basin 302 Mod.	102.9	103.5	N/A
Basin 303 New	102.9	103.5	N/A

Road Design:

Road Storm Frequency: 10 YEAR-3 DAY

Design Rainfall: 10.2 inches

Basin	Peak Stage (ft, NGVD)	Proposed Min. Road Crown (ft, NGVD)
Basin 302 Mod.	102.1	102.5
Basin 303 New	102.1	102.5

Parking Lot Design:

Parking Lot Storm Frequency: 10 YEAR-3 DAY

Design Rainfall 10.2 inches

Basin	Peak Stage (ft, NGVD)	Proposed Min.Parking Elev. (ft, NGVD)
Basin 302 Mod.	102.1	102.5
Basin 303 New	102.1	102.5

Control Elevation:

Basin	Area (Acres)	Ctrl Elev (ft, NGVD)	WSWT Ctrl Ele (ft, NGVD)	v Method Of Determination
Basin 302 Mod.	25.60	100.5	100.50	Previously Permitted
Basin 303 New	22.10	100.5	100.50	Previously Permitted
Wetland 18-4	23.04	100.45	100.45	Previously Permitted

Receiving Body:

Basin	Str.#	Receiving Body	e
Basin 302 Mod.	1	Existing wetland	

App.no.: 061214-5

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Receiving Body:

Basin	Str.	#	Receiving Body			
Basin 302 Mod.	. D.	-300	Existing wetland			
Basin 303 New	1		Existing wetland		•	
Basin 303 New	· D-	-304	Existing wetland	,	:	***************************************
Wetland 18-4	D -	-316	Wetland 18.13			

Discharge Structures: Note: The units for all the elevation values of structures are (ft, NGVD)

Culverts:

Basin	_ Str#,	Count	Type	Width	Length	Dia.
Basin 302 Mod.	D-300	1	Reinforced Concrete Pipe		636'	18"
Basin 303 New	D-304	· 1	Reinforced Concrete Pipe		81'	18"
Wetland 18-4	D-316	1 .	Reinforced Concrete Pipe		460'	36"

Inlets:

Basin	Str#	Count	Туре	Width	Length Dia.	Crest Elev.
Basin 302 Mod.	D-300	1	Inlet	24"	37"	101.23
Basin 303 New	D-304	1	Inlet	24"	37"	101.3
Wetland 18-4	D-316	, 1	Inlet	24"	37"	100.9

Weirs:					
Basin	Str#	Count	Type	Width Height Length Dia.	Elev.
Basin 302 Mod.	1	1	Broad Crested	20'	101.23 (crest)
Basin 303 New	1	1.	Broad Crested	20'	101.3 (crest)
Wetland 18-4	D-316	1	Rectangular Notch	24" -5 A"	100 45 (crest)

Water Quality Structures: Note: The units for all the elevation values of structures are (ft, NGVD)

Bleeders:

Basin	Str#	Count	Туре	Width	Height	Length Dia.	Invert Angle	Invert Elev.
Basin 302 Mod.	D-300	1	Rectangular Notch	18"	8.76"	****		100.5
Basin 303 New	D-304	1	Rectangular Notch	18"	9.6"			100.5

WATER QUALITY:

No adverse water quality impacts are anticipated as a result of the proposed project.

Basin		Treatment Method	\	Vol Req.d (ac-ft)			
Basin 302 Mod.	Treatment	Wet Detention	3.13 acres		2.13		
Basin 303 New	Treatment	Wet Detention	2.22 acres	1.84	1.84		

WETLANDS

App.no.: 061214-5

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Wetland Inventory:

CONSTRUCTION MOD -DAK lodge

	Site Type	Pro-Dovolopment					***					
		Pre Fluc cs	AA Type	Acreage (Acres)	Current Wo Pres		Time Lag (Yrs)	Risk Factor	Pres. Adj. Factor	Post Fluccs	Adj Delta	Functional Gain / Loss
18.13	ON	617	Direct	.03	1.00	.00				100	-1.000	030
18.4	ON	641	Direct	.93	1.00	.00				100	-1.000	930
5.10	ON	641	Preservation	.29	1.00	1.00	. 5 1 + 1	1.00		641		
5.12	ON	641	Preservation	.23	1.00	1.00	1	1.00		641		
5.14	ON	641	Preservation	.21	1.00	1.00	. 4 1	1.00		641		
5.19	ON	641	Preservation	.23	1.00	1.00	. 1	1.00		641		
			Total:	1.92			Testa Me Testa Salah	1				96

Fluccs Code	<u>Description</u>
100	Urban And Residential
617	Mixed Wetland
	Hardwoods
641	Freshwater Marshes

CERTIFICATION AND MAINTENANCE OF THE WATER MANAGEMENT SYSTEM

It is suggested that the permittee retain the services of a Professional Engineer registered in the State of Florida for periodic observation of construction of the surface water management (SWM) system. This will facilitate the completion of construction completion certification Form #0881 which is required pursuant to Section 10 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, and Rule 40E-4:361(2), Florida Administrative Code (F.A.C.).

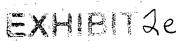
Pursuant to Chapter 40E-4 F.A.C., this permit may not be converted from the construction phase to the operation phase until certification of the SWM system is submitted to and accepted by this District. Rule 40E-4.321(7) F.A.C. states that failure to complete construction of the SWM system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization unless a permit extension is granted.

For SWM systems permitted with an operating entity who is different from the permittee, it should be noted that until the permit is transferred to the operating entity pursuant to Rule 40E-1.6107, F.A.C., the permittee is liable for compliance with the terms of this permit.

The permittee is advised that the efficiency of a SWM system will normally decrease over time unless the system is periodically maintained. A significant reduction in flow capacity can usually be attributed to partial blockages of the conveyance system. Once flow capacity is compromised, flooding of the project may result. Maintenance of the SWM system is required to protect the public health, safety and the natural resources of the state. Therefore, the permittee must have periodic inspections of the SWM system performed to ensure performance for flood protection and water quality purposes. If deficiencies are found, it is the responsibility of the permittee to correct these deficiencies in a timely manner.

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RELATED CONCERNS:

Water Use Permit Status:

The applicant has indicated that reuse water will be used as a source for irrigation water for the project.

The applicant has indicated that dewatering is required for construction of this project. This project falls under the provisions of the master dewatering permit for projects with the Reedy Creek Improvement District.

This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation, unless the work qualifies for a No-Notice Short-Term Dewatering permit pursuant to Chapter 40E-20.302(3) or is exempt pursuant to Section 40E-2.051, FAC.

CERP:

The proposed project is not located within or adjacent to a Comprehensive Everglades Restoration Project component.

Historical/Archeological Resources:

No information has been received that indicates the presence of archaeological or historical resources or that the proposed activities could cause adverse impacts to archaeological or historical resources.

DCA/CZM Consistency Review:

The District has not received a finding of inconsistency from the Florida Department of Environmental Protection or other commenting agencies regarding the provisions of the federal Coastal Zone Management Plan.

Enforcement:

There has been no enforcement activity associated with this application.

STAFF REVIEW:

DIVISION APPROVAL:

NATURAL RESOURCE MANAGEMENT:

Marc S. Ady

SURFACE WATER MANAGEMENT:

DATE: 1/12/07

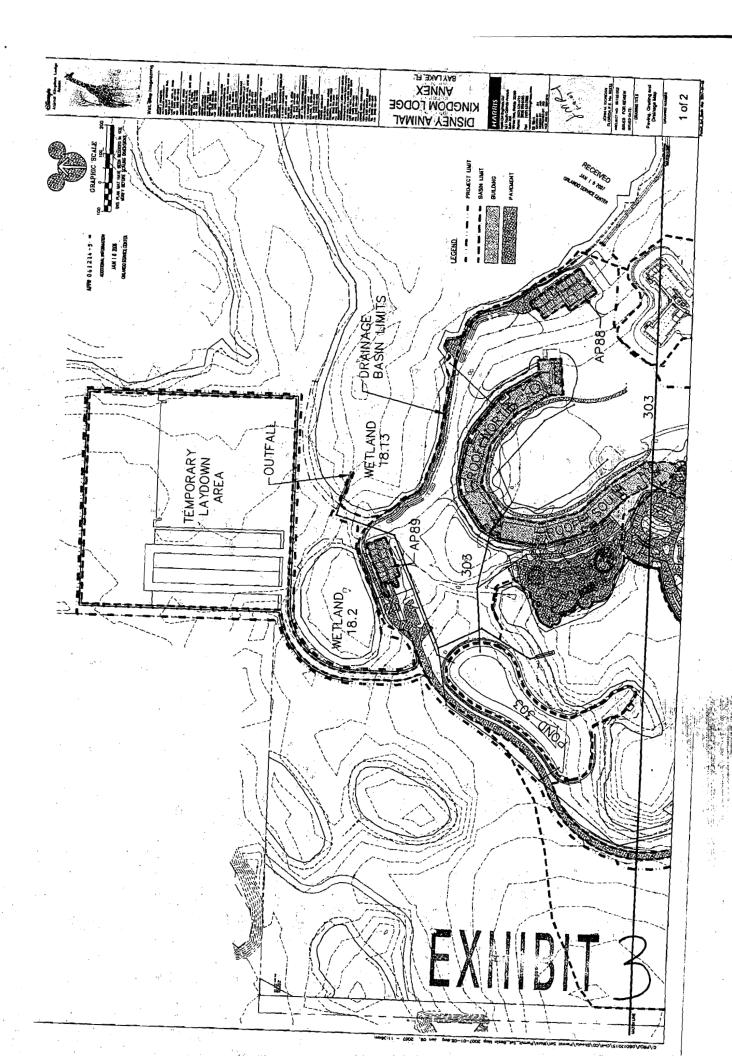
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Edward W. Yaury, P.E.

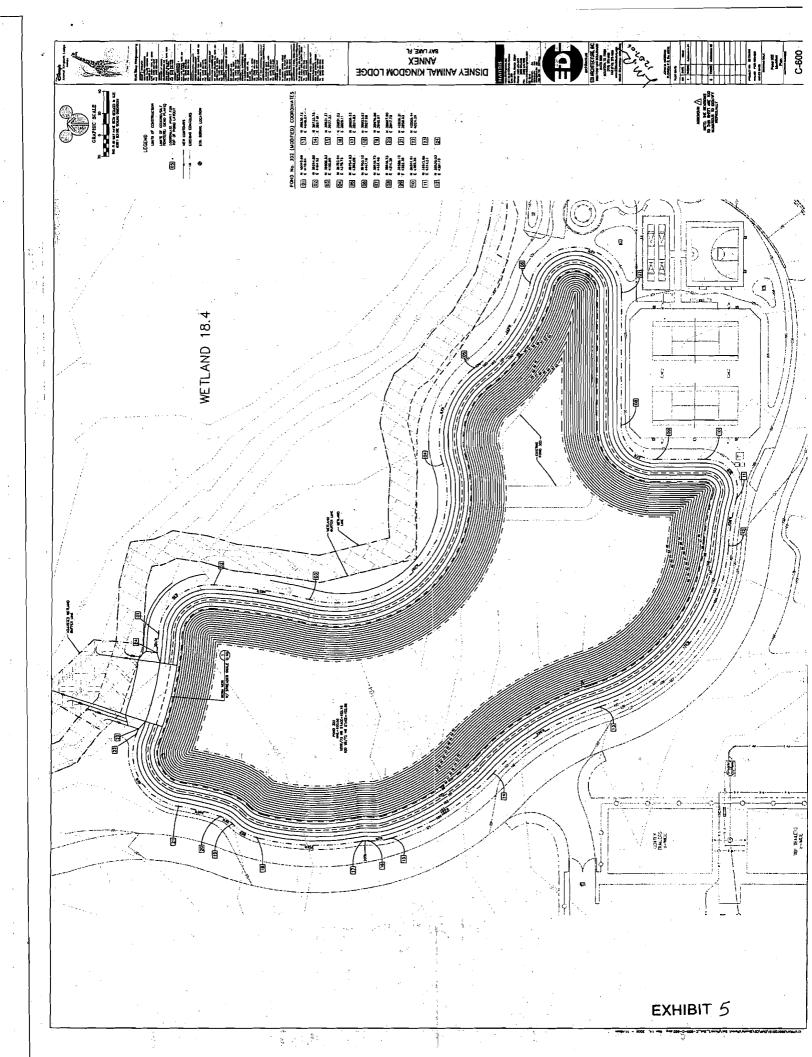
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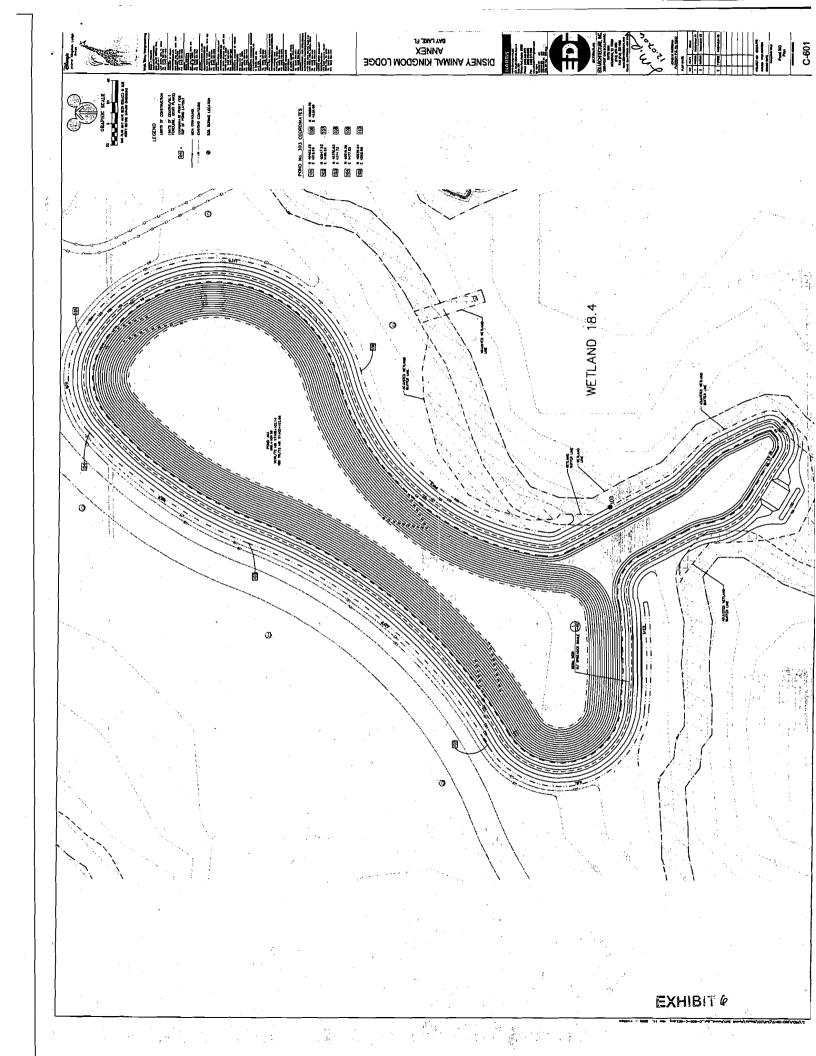
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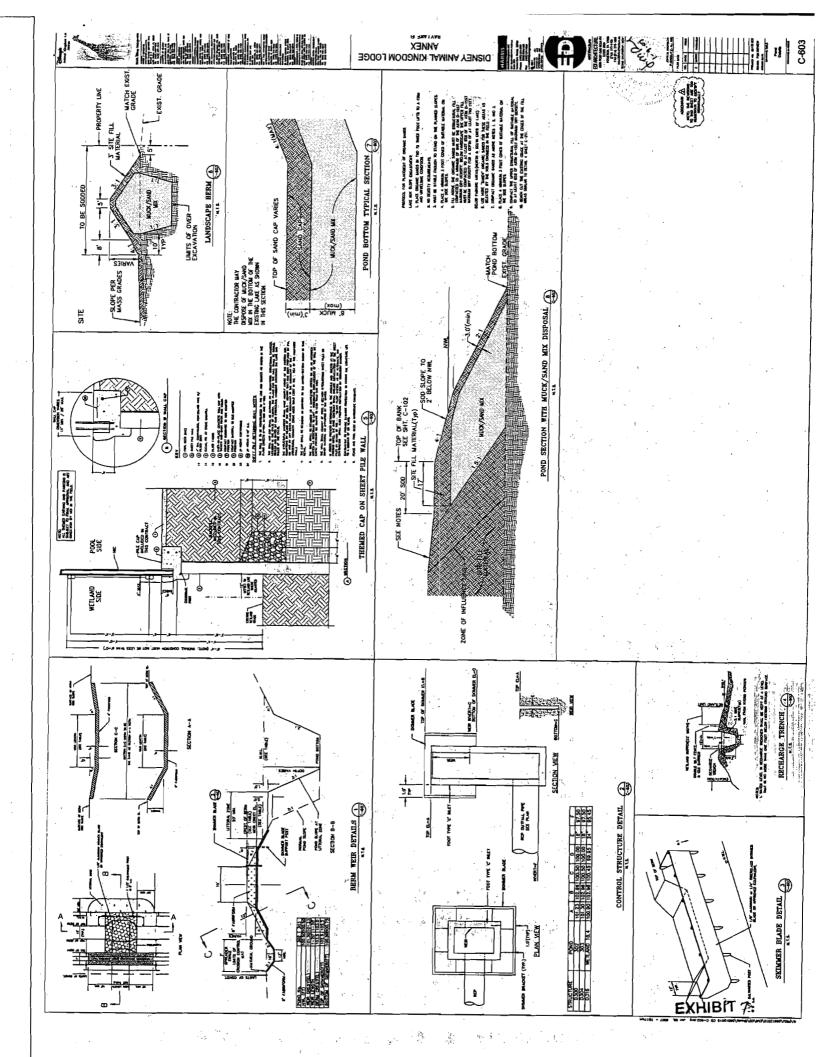


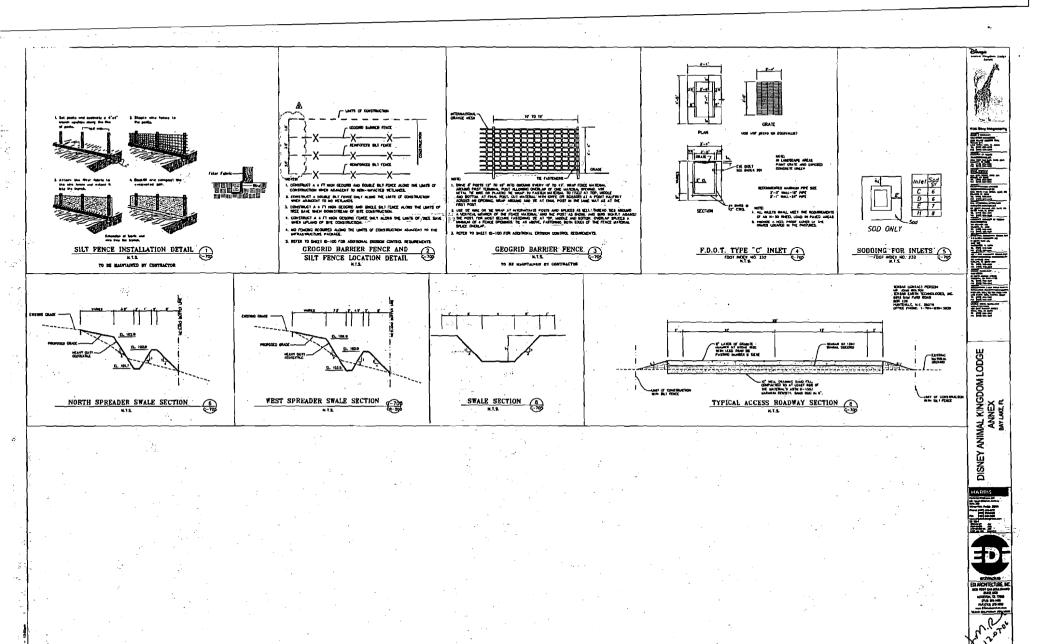








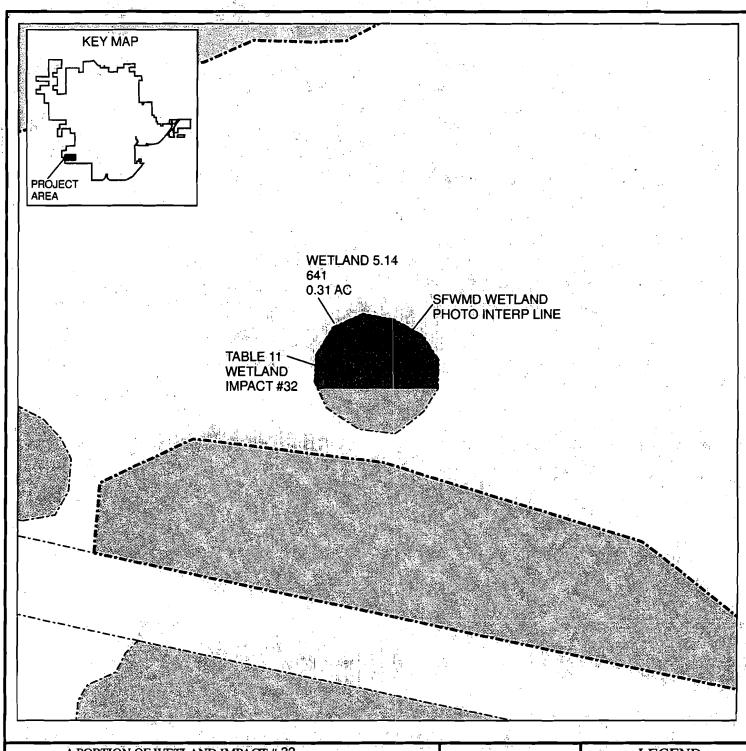




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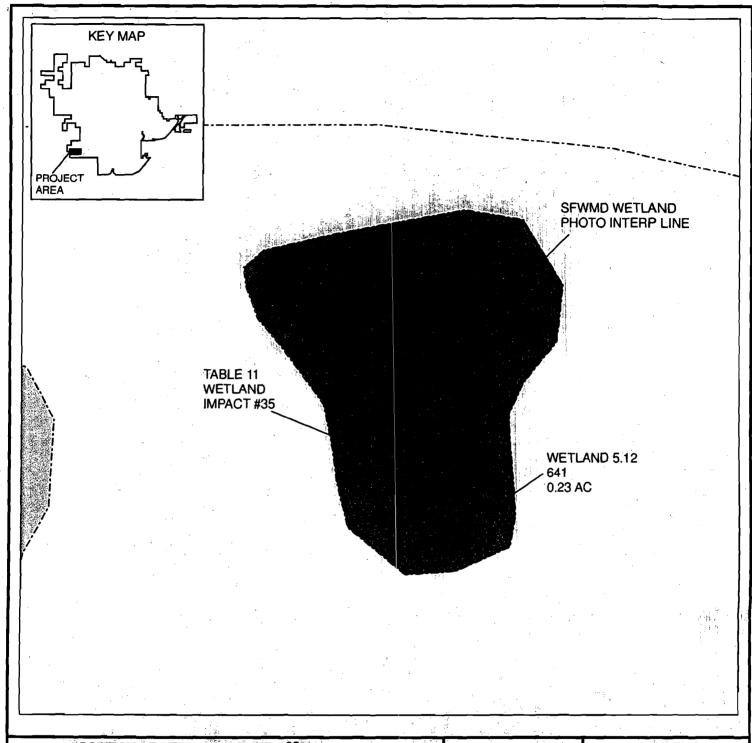
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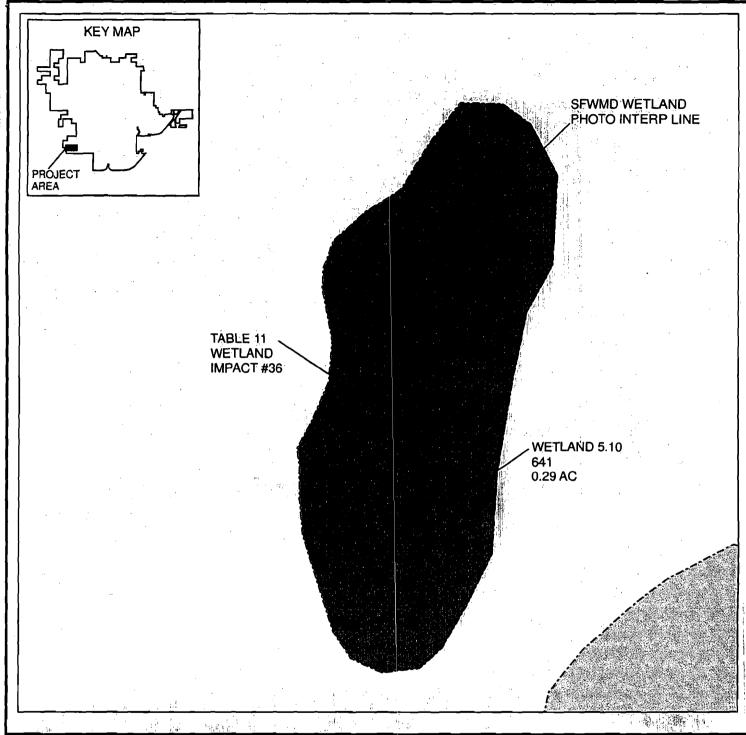
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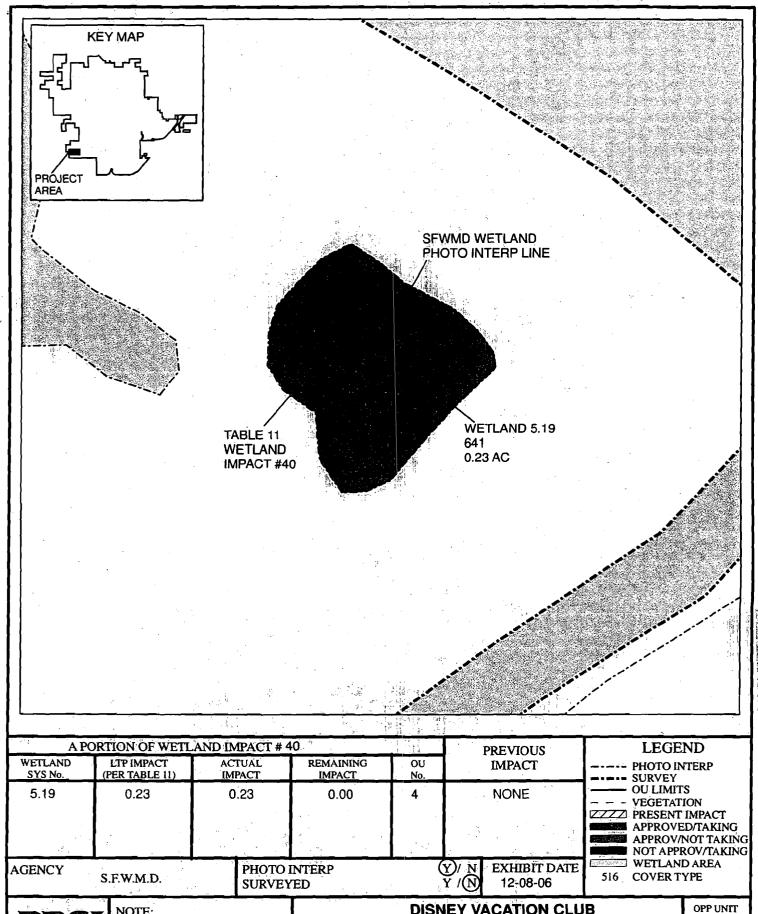
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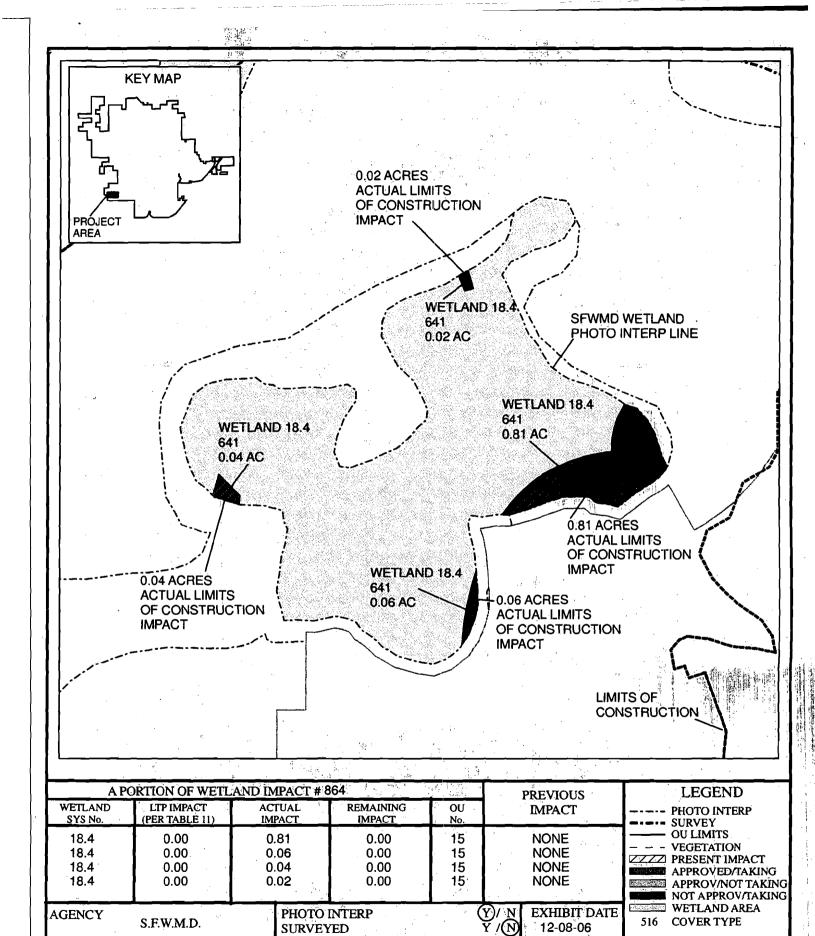




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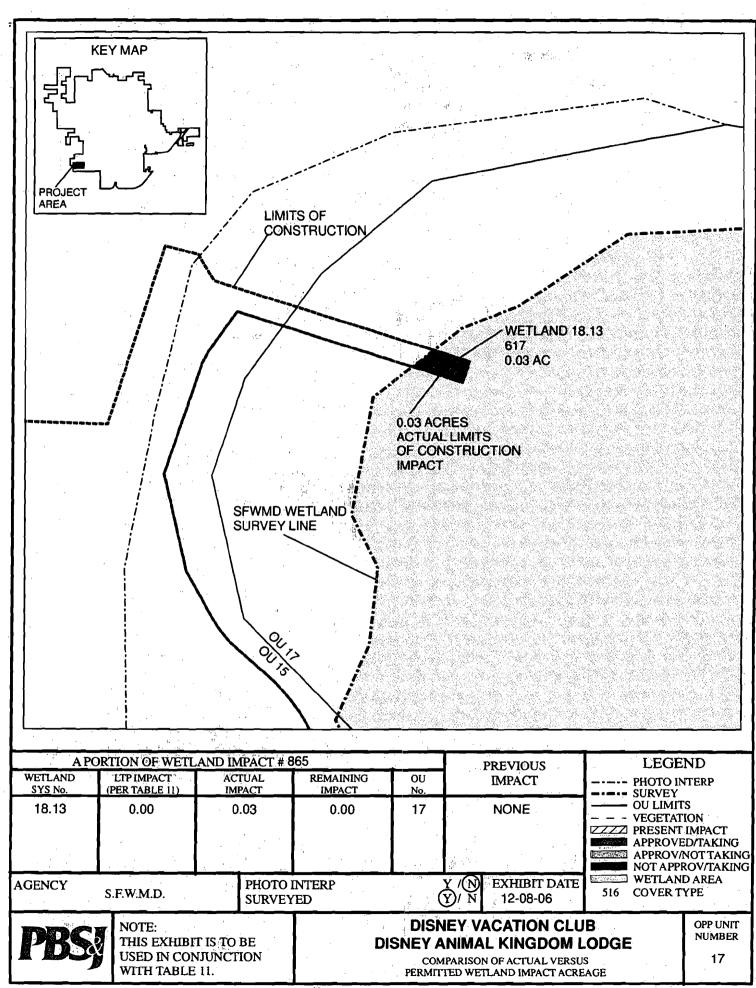




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